

FALL 2009

# Senior Design Finalist



Back Row: Viviana Gonzalez; Sharece Hall. Middle Row: Shabbir Ahmed; Charles Ballowe; Stefan Solntsev. Front Row: David Liss; Ria Mukherjee.

STUDENT TEAM: Charles Ballowe, Viviana Gonzalez, Sharece Hall, David Liss, Ria Mukherjee, and Stefan Solntsev

FACULTY ADVISOR: Shabbir Ahmed

PROJECT TITLE: Procurement Planning for GE Energy

PROJECT SUMMARY: The project determines the minimal cost policy for the procurement of wind turbine towers for GE Energy. Software is developed based on forecasting and optimization models that take into account purchasing and transportation costs, government policies, and renewable energy demand with demonstrated savings of \$8.6 million per year.

## *1st Place Winner!*